

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 67

Country Name: Vanuatu

TABLE 1: Monthly Rainfall

Station (include data period)			March 2013				
	January 2013 Total	February 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
<b>Northern Region</b>							
Sola	538.7	556.4	715.1	291.7	454.8	379.7	56/59
Pekoa	262.1	549.6	899	189.7	282.5	235.6	43/43
Lamap	138.3	239.0	536.7	204.0	324.5	250.0	51/53
<b>Southern Region</b>							
Bauerfield	100.8	250.8	281.9	237.2	334.2	288.4	20/41
Port Vila	102.1	211.9	290.1	248.3	364.0	306.8	30/61
Whitegrass	30.0	190.2	185.1	143.6	223.8	192.0	20/42
Aneityum	160.4	227.0	255.4	246.6	387.0	313.6	22/62

TABLE 2: Three-monthly Rainfall

Station	Three-month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecast probs.* (include LEPS)	Verification * (Consistent, Near- consistent Inconsistent ?)
<b>Northern Region</b>							
Sola	1810.2	1016.7	1228.4	1118.2	57/59	27.7:34.9:37.4(-0.1)	consistent
Pekoa	1710.7	753.8	959.8	825.2	43/43	39.3:22.6:38.1(-4.0)	Inconsistent
Lamap	914	646.8	807.4	719.8	41/53	33.9:50.9:15.2(6.2)	Near- consistent
<b>Southern Region</b>							
Bauerfield	633.5	801.1	1023.7	984.6	7/41	56.5:7.6:35.9(4.7)	consistent
Port Vila	604.1	775.6	1009.8	887.2	11/61	39:32.6:28.4(9.6)	consistent
Whitegrass	405.3	487.9	673.4	553.0	11/42	31.2:49.9:18.9(-0.1)	Near-

							<b>consistent</b>
Aneityum	<b>642.8</b>	748.1	1005.9	906.7	10/62	<b>49.1:30.9:20(5.3)</b>	<b>consistent</b>

**January to March 2013**

**[Please note that the data used in this verification should be sourced from table 3 of OCOF #63]**

Period: \*below normal/normal/above normal

Predictors and Period used for January to March 2013 Outlooks (refer to OCOF #63):

**Predictor: SST 1 & 9, Period: January - March 2013**

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for  
May to July 2013**

**Predictors and Period used: SST 1& 9, Jan – Mar 2013**

Station	<b>Below Median (prob)</b>	<b>Median Rainfall (mm)</b>	<b>Above Median (prob)</b>		<b>LEPS</b>	<b>Hit-rate</b>
<b>Northern Region</b>						
Sola	<b>52.1</b>	936.0	47.9		10.1	51.8
Pekoa	48.2	477.5	<b>51.8</b>		6.9	57.1
Lamap	47.6	392.4	<b>52.4</b>		2.1	55.8
<b>Southern Region</b>						
Bauerfield	42.8	444.1	<b>57.2</b>		9.8	56.4
Port Vila	48.3	403.2	<b>51.7</b>		9.6	66.7
Whitegrass	45.8	222.5	<b>54.2</b>		5.8	60.0
Aneityum	<b>53.3</b>	449.8	46.7		3.3	58.3

Station	<b>Below Normal (prob)</b>	<b>33%ile rainfall (mm)</b>	<b>Normal (prob)</b>	<b>66%ile rainfall (mm)</b>	<b>Above Normal (prob)</b>	<b>LEPS</b>	<b>Hit-rate</b>
<b>Northern Region</b>							
Sola	<b>35.6</b>	733.9	<b>35.7</b>	1114.6	28.5	4.4	32.1
Pekoa	24.9	352.6	<b>39.9</b>	569.6	35.2	10.7	45.2
Lamap	34.7	310.6	30.4	471.0	<b>34.9</b>	6.9	42.3
<b>Southern Region</b>							
Bauerfield	30.3	337.3	34.5	525.5	<b>35.2</b>	3.8	33.3
Port Vila	27.7	330.4	<b>36.2</b>	491.6	<b>36.1</b>	12.7	41.7
Whitegrass	33.5	181.4	<b>35.6</b>	258.1	30.9	5.6	45.0
Aneityum	32.5	358.3	<b>35.8</b>	523.7	31.7	1.4	35.0

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
May to July 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Port Vila							

**Summary Statements**

**Rainfall for March 2013:**

- Rainfall for the past month (March) was *above normal* for Sola, Pekoa and Lamap, while *normal* rainfall was recorded for Bauerfield, Port Vila, Whitegrass and Aneityum.

**Accumulated rainfall for January–March 2013, including outlook verification:**

- Total rainfall for the past three months (Jan to Mar 2013) was *above normal* for Sola, Pekoa and Lamap, while below normal rainfall was recorded for Bauerfield, Port Vila, Whitegrass and Aneityum.
- Forecast was *consistent* for Sola, Bauerfield, Port Vila and Aneityum, *Near consistent* for Lamap and Whitegrass, and *In-consistent* for Pekoa.

**Outlooks for May–July 2013:**

**1. SCOPIC:**

- Northern Region: *Normal to below normal* rainfall is favored for Sola, *normal* rainfall is favored for Pekoa and *above normal* rainfall is favored for Lamap. ( Confidence: Low to moderate)
- Southern Region: *normal* rainfall is favored for Whitegrass and Aneityum, *normal to above normal* rainfall is favored for Port Vila and *above normal* rainfall is favored for Bauerfield station. ( Confidence : Low to Good)
- Overall: *normal to above normal* rainfall is favored for the next three months. ( Confidence : Moderate)

**2. POAMA:**

**NB: The X LEPS % score has been categorised as follows:**

Very Low:  $X < 0.0$       Low:  $0 \leq X < 5$       Moderate  $5 \leq X < 10$       Good:  $10 \leq X < 15$       High:  $15 \leq X < 25$   
 Very High:  $25 \leq X < 35$       Exceptional:  $X \geq 35$

